

# STN Columbus

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

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 NEWS 4 JUL 02 CHEMCATS accession numbers revised  
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 NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification  
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 NEWS 14 AUG 20 CA/Capplus enhanced with CAS indexing in pre-1907 records  
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 NEWS 17 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data  
 NEWS 18 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index  
 NEWS 19 SEP 13 FORIS renamed to SOFIS  
 NEWS 20 SEP 13 INPADOCDB enhanced with monthly SDI frequency  
 NEWS 21 SEP 17 CA/Capplus enhanced with printed CA page images from 1967-1998  
 NEWS 22 SEP 17 Capplus coverage extended to include traditional medicine patents  
 NEWS 23 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements  
 NEWS 24 OCT 02 CA/Capplus enhanced with pre-1907 records from Chemisches Zentralblatt  
 NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.  
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 NEWS IPC8 For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 16:37:59 ON 09 OCT 2007

=> file medline		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 16:38:20 ON 09 OCT 2007

FILE LAST UPDATED: 6 Oct 2007 (20071006/UP). FILE COVERS 1950 TO DATE.

This file contains CAS Registry Numbers for easy and accurate

substance identification.

```
=> s (compound inhibits SGK1)
    127281 COMPOUND
    109374 INHIBITS
    211 SGK1
L1      0 (COMPOUND INHIBITS SGK1)
        (COMPOUND(W) INHIBITS(W) SGK1)

=> s (inhibit? SGK1 or modulate? SGK1)
    1370561 INHIBIT?
    211 SGK1
    1 INHIBIT? SGK1
        (INHIBIT?(W) SGK1)
    125573 MODULATE?
    211 SGK1
    1 MODULATE? SGK1
        (MODULATE?(W) SGK1)
L2      2 (INHIBIT? SGK1 OR MODULATE? SGK1)
```

=> d 1-2

L2 ANSWER 1 OF 2 MEDLINE on STN

Full Text

AN 2006141706 MEDLINE  
DN PubMed ID: 16483548  
TI Stimulation of serum- and glucocorticoid-regulated kinase-1 gene  
expression by endothelin-1.  
AU Wolf Sabine C; Schultze Michael; Risler Teut; Rieg Timo; Lang Florian;  
Schulze-Osthoff Klaus; Brehm Bernhard R  
CS Medical Clinic IV, Section of Nephrology, Hypertension and Renal Failure,  
University of Tübingen, Germany.  
SO Biochemical pharmacology, (2006 Apr 14) Vol. 71, No. 8, pp. 1175-83.  
Electronic Publication: 2006-02-17.  
Journal code: 0101032. ISSN: 0006-2952.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200604  
ED Entered STN: 14 Mar 2006  
Last Updated on STN: 26 Apr 2006  
Entered Medline: 25 Apr 2006

L2 ANSWER 2 OF 2 MEDLINE on STN

Full Text

AN 2005203220 IN-PROCESS  
DN PubMed ID: 15838307  
TI Endothelin-1 Increases Serum-glucocorticoid-regulated Kinase-1 Expression  
in Smooth Muscle Cells.  
AU Wolf Sabine C; Schultze Michael; Sauter Gabriele; Risler Teut; Brehm  
Bernhard R  
CS Medical Clinic III, Department of Cardiology, Hypertension and Renal  
Failure, University of Tuebingen, Germany.  
SO Journal of cardiovascular pharmacology, (2004 Nov) Vol. 44 Suppl 1, pp.  
S304-6.  
Journal code: 7902492. ISSN: 0160-2446.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS NONMEDLINE; IN-DATA-REVIEW; IN-PROCESS; NONINDEXED; Priority Journals  
ED Entered STN: 20 Apr 2005  
Last Updated on STN: 14 Dec 2005

=> file ca

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.12

1.33

FILE 'CA' ENTERED AT 16:39:31 ON 09 OCT 2007

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FILE COVERS 1907 - 4 Oct 2007 VOL 147 ISS 16  
FILE LAST UPDATED: 4 Oct 2007 (20071004/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s (inhibit? SGK1 or modulate? SGK1)/ab,bi
    1624252 INHIBIT?/AB
        211 SGK1/AB
            1 INHIBIT? SGK1/AB
                ((INHIBIT?(W)SGK1)/AB)
    1919277 INHIBIT?/BI
        260 SGK1/BI
            2 INHIBIT? SGK1/BI
                ((INHIBIT?(W)SGK1)/BI)
    129011 MODULATE?/AB
        211 SGK1/AB
            1 MODULATE? SGK1/AB
                ((MODULATE?(W)SGK1)/AB)
    146545 MODULATE?/BI
        260 SGK1/BI
            1 MODULATE? SGK1/BI
                ((MODULATE?(W)SGK1)/BI)
L3      3 (INHIBIT? SGK1 OR MODULATE? SGK1)/AB,BI
```

=> d 1-3

L3 ANSWER 1 OF 3 CA COPYRIGHT 2007 ACS on STN

Full Text

AN 144:325109 CA  
TI Stimulation of serum- and glucocorticoid-regulated kinase-1 gene expression by endothelin-1  
AU Wolf, Sabine C.; Schultze, Michael; Risler, Teut; Rieg, Timo; Lang, Florian; Schulze-Osthoff, Klaus; Brehm, Bernhard R.  
CS Medical Clinic IV, Section of Nephrology, Hypertension and Renal Failure, University of Tuebingen, Germany  
SO Biochemical Pharmacology (2006), 71(8), 1175-1183  
CODEN: BCPCA6; ISSN: 0006-2952  
PB Elsevier B.V.  
DT Journal  
LA English  
RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 3 CA COPYRIGHT 2007 ACS on STN

Full Text

AN 142:149089 CA  
TI Endothelin-1 increases serum-glucocorticoid-regulated kinase-1 expression in smooth muscle cells  
AU Wolf, Sabine C.; Schultze, Michael; Sauter, Gabriele; Risler, Teut; Brehm, Bernhard R.  
CS Medical Clinic III, Department of Cardiology, Hypertension and Renal Failure, University of Tuebingen, Tuebingen, Germany  
SO Journal of Cardiovascular Pharmacology (2004), 44(Suppl. 1), S304-S306  
CODEN: JCPCDT; ISSN: 0160-2446

PB Lippincott Williams & Wilkins  
DT Journal  
LA English

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 3 CA COPYRIGHT 2007 ACS on STN

Full Text

AN 141:236715 CA  
TI Sgk1 as diagnostic and therapeutic target  
IN Lang, Florian  
PA Germany  
SO PCT Int. Appl., 39 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004079003	A1	20040916	WO 2003-EP2163	20030303
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	CA 2517958	A1	20040916	CA 2003-2517958	20030303
	AU 2003215623	A1	20040928	AU 2003-215623	20030303
	EP 1613766	A1	20060111	EP 2003-816137	20030303
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
	BR 2003018166	A	20060404	BR 2003-18166	20030303
	CN 1771330	A	20060510	CN 2003-826398	20030303
	JP 2006518992	T	20060824	JP 2004-569000	20030303
	MX 2005PA09292	A	20060321	MX 2005-PA9292	20050831
	IN 2005KN01729	A	20060922	IN 2005-KN1729	20050831
	US 2007059695	A1	20070315	US 2006-547746	20060926
PRAI	WO 2003-EP2163	W	20030303		

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file uspatall  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
20.10	21.43

FILE 'USPATFULL' ENTERED AT 16:41:13 ON 09 OCT 2007  
CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 16:41:13 ON 09 OCT 2007  
CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 16:41:13 ON 09 OCT 2007  
CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

=> s (inhibit? SGK1 or modulate? SGK1)  
L4 4 (INHIBIT? SGK1 OR MODULATE? SGK1)

=> s (inhibit? SGK1 or modulate? SGK1)/clm  
L5 1 (INHIBIT? SGK1 OR MODULATE? SGK1)/CLM

=> d

L5 ANSWER 1 OF 1 USPATFULL on STN

Full Text

AN 2007:218365 USPATFULL  
TI Methods for altering insulin secretion

IN Lang, Florian, Tuebingen, GERMANY, FEDERAL REPUBLIC OF  
 PI US 2007191325 A1 20070816  
 AI US 2005-591909 A1 20050210 (10)  
 WO 2005-EP1322 20050210  
 20060907 PCT 371 date  
 PRAI EP 2004-5404 20040308  
 DT Utility  
 FS APPLICATION  
 LN.CNT 713  
 INCL INCLM: 514/179.000  
 NCL NCLM: 514/179.000  
 IC IPCI A61K0031-573 [I,A]; A61K0031-57 [I,C\*]  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 14 1-4

L4 ANSWER 1 OF 4 USPATFULL on STN

Full Text

AN 2007:218365 USPATFULL  
 TI Methods for altering insulin secretion  
 IN Lang, Florian, Tuebingen, GERMANY, FEDERAL REPUBLIC OF  
 PI US 2007191325 A1 20070816  
 AI US 2005-591909 A1 20050210 (10)  
 WO 2005-EP1322 20050210  
 20060907 PCT 371 date  
 PRAI EP 2004-5404 20040308  
 DT Utility  
 FS APPLICATION  
 LN.CNT 713  
 INCL INCLM: 514/179.000  
 NCL NCLM: 514/179.000  
 IC IPCI A61K0031-573 [I,A]; A61K0031-57 [I,C\*]  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 4 USPATFULL on STN

Full Text

AN 2007:68449 USPATFULL  
 TI Sgk1 as diagnostic and therapeutic target  
 IN Lang, Florian, Tuebingen, GERMANY, FEDERAL REPUBLIC OF  
 PI US 2007059695 A1 20070315  
 AI US 2003-547746 A1 20030305 (10)  
 WO 2003-EP2163 20030305  
 20060926 PCT 371 date  
 DT Utility  
 FS APPLICATION  
 LN.CNT 552  
 INCL INCLM: 435/006.000  
 INCLS: 435/007.200  
 NCL NCLM: 435/006.000  
 NCLS: 435/007.200  
 IC IPCI C12Q0001-68 [I,A]; G01N0033-567 [I,A]  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 4 USPATFULL on STN

Full Text

AN 2006:282165 USPATFULL  
 TI Substituted phenoxazines and acridones as inhibitors of AKT  
 IN Houghton, Peter J., Memphis, TN, UNITED STATES  
 Thimmaiah, Kuntebommenahalli N., Memphis, TN, UNITED STATES  
 Easton, John B., Horn Lake, MS, UNITED STATES  
 PA St. Jude Children's Research Hospital, Memphis, TN, UNITED STATES (U.S. corporation)  
 PI US 2006241108 A1 20061026  
 AI US 2006-367161 A1 20060303 (11)  
 PRAI US 2005-658852P 20050303 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 3688  
 INCL INCLM: 514/229.800  
 NCL NCLM: 514/229.800  
 IC IPCI A61K0031-538 [I,A]; A61K0031-5375 [I,C\*]

IPCR A61K0031-5375 [I,C]; A61K0031-538 [I,A]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 4 USPATFULL on STN

Full Text

AN 2006:198468 USPATFULL  
TI Methods  
IN Cohen, Philip, Dundee, UNITED KINGDOM  
Kobayashi, Takayasu, Dundee, UNITED KINGDOM  
Deak, Maria, Dundee, UNITED KINGDOM  
PA The University of Dundee, Dundee, UNITED KINGDOM (non-U.S. corporation)  
PI US 7083511 B1 20060801  
WO 2000035940 20000622  
AI US 1999-868131 19991214 (9)  
WO 1999-GB4232 19991214  
20020411 PCT 371 date  
PRAI GB 1999-19676 19990819  
US 1998-112217P 19981214 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3407  
INCL INCLM: 453/015.000  
INCLS: 435/194.000; 530/300.000; 530/350.000; 536/023.200  
NCL NCLM: 453/015.000  
NCLS: 435/194.000; 530/300.000; 530/350.000; 536/023.200  
IC IPCI C12Q0001-48 [I,A]; C12N0009-12 [N,A]; C12N0001-20 [N,A];  
C07H0021-04 [N,A]; C07H0021-00 [N,C\*]  
IPCR C12Q0001-48 [I,C]; C12Q0001-48 [I,A]; C07H0021-00 [N,C];  
C07H0021-04 [N,A]; C12N0001-20 [N,C]; C12N0001-20 [N,A];  
C12N0009-12 [N,C]; C12N0009-12 [N,A]  
EXF 435/15; 435/194; 530/350; 530/300; 536/23.2  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d l4 an ti in pi kwic 1-4

L4 ANSWER 1 OF 4 USPATFULL on STN

Full Text

AN 2007:218365 USPATFULL  
TI Methods for altering insulin secretion  
IN Lang, Florian, Tuebingen, GERMANY, FEDERAL REPUBLIC OF  
PI US 2007191325 A1 20070816  
SUMM A method for altering insulin secretion comprising, contacting a  
pancreatic islet cell expressing SGK1 with a substance that **modulates**  
SGK1 and wherein the inhibition of SGK1 involves reversal of the  
depolarizing effect of glucose, causing activation of voltage gated  
calcium-channels.  
SUMM . . . compounds that are useful to restore insulin secretion by  
contacting a pancreatic islet cell expressing SGK1 with a substance that  
**modulates SGK1**. Thus the depolarizing effect of glucose is reversed  
resulting in activation of voltage gated calcium-channels and subsequent  
insulin release.  
CLM What is claimed is:  
1. A method for altering insulin secretion comprising, contacting a  
pancreatic islet cell expressing SGK1 with a substance that **modulates**  
SGK1.

L4 ANSWER 2 OF 4 USPATFULL on STN

Full Text

AN 2007:68449 USPATFULL  
TI Sgk1 as diagnostic and therapeutic target  
IN Lang, Florian, Tuebingen, GERMANY, FEDERAL REPUBLIC OF  
PI US 2007059695 A1 20070315  
SUMM . . . coagulopathies) as well as hepatogenic, cardiogenic and  
immune. coagulopathies, corresponding to the site of the cause.  
Consequently, by activating or **inhibiting sgk1**, the disposition of  
the blood to coagulate can be decreased or increased and thereby adapted  
to the medical indication. Similar.  
DETD . . . cells, with subsequent metastasis, and increase angiogenesis.  
Conversely, this mechanism would be suppressed by suppressing sgk1  
expression or by pharmacologically **inhibiting sgk1**.

L4 ANSWER 3 OF 4 USPATFULL on STN

Full Text

AN 2006:282165 USPATFULL  
TI Substituted phenoxazines and acridones as inhibitors of AKT  
IN Houghton, Peter J., Memphis, TN, UNITED STATES  
Thimmaiah, Kuntebommenahalli N., Memphis, TN, UNITED STATES  
Easton, John B., Horn Lake, MS, UNITED STATES  
PI US 2006241108 A1 20061026  
DETD 7.6. Phenoxazines Do Not **Inhibit** SGK1 or PDK1 Kinase Activity

L4 ANSWER 4 OF 4 USPATFULL on STN

Full Text

AN 2006:198468 USPATFULL  
TI Methods  
IN Cohen, Philip, Dundee, UNITED KINGDOM  
Kobayashi, Takayasu, Dundee, UNITED KINGDOM  
Deak, Maria, Dundee, UNITED KINGDOM  
PI US 7083511 B1 20060801  
WO 2000035940 20000622  
DETD . . . 19). Serum was also a weak activator of all three isoforms.  
However, osmotic shock (treatment with 0.4M sorbitol), which potently  
**inhibited** SGK1, had no effect on the activity of SGK2 $\alpha$  or SGK3  
(FIG. 19).

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

14.88

36.31

STN INTERNATIONAL LOGOFF AT 16:43:44 ON 09 OCT 2007